



State of Vermont

Department of Fish and Wildlife
Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
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AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation
Waste Management Division
103 South Main Street/West Office
Waterbury, Vermont 05671-0404
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October 12, 1999

Mr. Walter Bruska
College Street Congregational Church
265 College Street
Burlington, VT 05401

RE: Sites Management Activities Completed
Petroleum Contamination at Congregational Church
Burlington, VT
SMS Site # 98-2440

Dear Mr. Bruska:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS) has reviewed the information provided by Griffin International, Inc. dated July 23, 1998 and August 14, 1998. The SMS has also reviewed the information contained in the site file.

With this information, the SMS can make the following determination that:

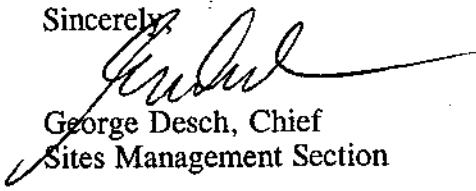
- ☐ One underground storage tank (fuel oil) was removed from the site on July 16-17, 1998.
- ☐ During the site activities, screened soils had concentrations up to 40 parts per million (ppm) as measured by a photoionization detector (PID). The peak PID readings were measured at depths of 7 feet below ground surface (fbgs) in the excavation.
- ☐ Site soils consisted of sand and some clay. Groundwater was not encountered at a (maximum) depth of approximately 9 fbgs. Groundwater is estimated to be at 25 fbgs based on a nearby site.
- ☐ Following confirmatory soil sampling, the excavation was lined with 8 mil polyethylene and the contaminated soil was placed back in the excavation.
- ☐ Two confirmatory soil samples were and analyzed by a laboratory. The samples were obtained at the limits of the excavation. Both samples were non-detect using EPA methods 8020 and 8100 m.
- ☐ The UST excavation area was paved following backfilling and most of the site area is impervious to rainfall infiltration.
- ☐ The basement of the building was screen for Total Organic Vapor (TOV) using a PID. No TOV was detected.
- ☐ The site was inspected for sensitive receptors. The possible receptors potentially affected include groundwater, soil, and site building ambient airspace.

- ☐ The SMS concludes that the risk posed to sensitive receptors appear minimal.
- ☐ There is not significant threat to human health or the environment resulting from this release.

Based on the above, SMS concurs with the Griffin Internationals recommendations and is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release College Street Congregational Church of any past or future liability associated with the petroleum contamination remaining at the site. It does, however, mean that the SMS is not requesting any additional work at this time. If you have any questions or comments, please feel free to contact me at (802)-241-3888.

If monitoring wells are no longer used or maintained, then they must be properly closed to eliminate a possible conduit for contaminant migration into the subsurface. This closure typically involves filling the wells with a grout material to prevent fluid migration in the borehole. Specific requirements for well closure are outlined in Section 12.3.5 in Appendix A of the Vermont Water Supply Rule-Chapter 21.

Sincerely,



George Desch, Chief
Sites Management Section

cc: Burlington Selectboard w/o enclosure
Burlington Health Officer w/o enclosure
DEC Regional Office w/o enclosure (transmitted electronically)
Willis Doe, Griffin International (transmitted electronically)

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